# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 25 | (US-20020073285-$ or US-20030204583-$ or US-20040111725-$ or US-20040122799-$ or US-20040148485-$).did. or (US-4104718-$ or US-4166290-$ or US-4912631-$ or US-4924745-$ or US-5237670-$ or US-5325523-$ or US-5463776-$ or US-5506955-$ or US-5608178-$ or US-5611047-$ or US-5774434-$ or US-5796633-$ or US-5893086-$ or US-5943688-$ or US-6219728-$ or US-6311290-$ or US-6493837-$ or US-6560174-$ or US-6725241-$ or US-6820122-$). did. | US-PGPUB; USPAT | OR | ON | 2006/08/20 18:21 |
| L2 | 21 | L1 and (level or group) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/20 18:21 |
| L3 | 8683 | "performance data" same (stor$4 or sav$4 or log$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/20 18:21 |
| L4 | 1621 | L3 and ((preset or predetermined or set) same (capacity or space)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/20 18:21 |

| L5 | 101 | ("5440686" "5511212" "5732278" "5790183" "5999351" "6119721" "4423480" "4499539" "4574346" "4772963" "5226169" "5283884" "5313613" "5367698" "5396388" "5550691" "5584008" "5608178" "5649149" "5661848" "5680597" "5732218" "5897324" "5974387" "6160685" "6178056" "4441152" "4500954" "4544964" "4583166" "4768413" "4916606" "5202799" "5247687" "5276860" "5278847" "5298816" "5424732" "5504269" "5513132" "5566348" "5625515" "5671151" "5720025" "5734813" "5745058" "5751512" "5764994" "5778391" "5784328").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/20 18:21 |
|----|-----|----|----|----|----|----|
| L6 | 101 | ("5824935" "5860087" "5875965" "5889224" "5892678" "5944816" "5987400" "6049898" "6067206" "6112174" "6115206" "6113538" "6131148" "6148368" "6173388" "6201653" "6246346" "4298954" "4334305" "4393459" "4428064" "4439828" "4521850" "4523276" "4527262" "4527253" "4528624" "4535372" "4554645" "4556597" "4581109" "4607256" "4619872" "4631660" "4633434" "4761733" "4766590" "4780845" "4787053" "4800300" "4821176" "4821185" "4853846" "4853859" "4858110" "4900962" "4912631" "4924745" "4958351" "4982187").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/20 18:21 |

| L7 | 195 | ("5197055" "5201053" "5201057" "5202969" "5210841" "5210845" "5214770" "5235482" "5235690" "5235692" "5235697" "5237466" "5237670" "5239650" "5247645" "5261058" "5272660" "5274773" "5276838" "5285456" "5297258" "5303021" "5303214" "5305446" "5307315" "5313584" "5313594" "5313617" "5317727" "5319761" "5333251" "5345560" "5345580" "5347642" "5355453" "5361385" "5367661" "5369345" "5377154" "5383068" "5386324" "5386516" "5388260" "5390304" "5390313" "5392398" "5394532" "5395199" "5402200" "5410652").pn. ("5412666" "5414425" "5426380" "5432922" "5446237" "5452325" "5461721" "5463390" "5469453" "5475583" "5475827" "5481691" "5485321" "5491595" "5499209" "5502462" "5506580" "5508471" "5511181" "5521768" "5523980" "5530816" "5535348" "5539145" "5539739" "5544340" "5543977" "5548711" "5551017" "5553160" "5555432" "5557770" "5561744" "5574881" "5577230" "5579218" "5579516" "5581500" "5581743" "5583767" "5584003" "5586291" "5590375" "5594914" "5593341" "5596762" "5600816" "5603062" "5603008" "5610808").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/20 18:21 |
| L8 | 2260 | "performance data" and (stor$4 near5 controller) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/20 18:21 |
| L9 | 2260 | "performance data" and (stor$4 near5 controller) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/20 18:21 |
| L10 | 2 | "L13" and ((check or detect or determine) adj6 ((free or available) adj (space or memory))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/20 18:21 |

| L11 | 2496 | ((check or detect or determine) adj10 ((free or available) adj (space or memory))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB . | OR | ON | 2006/08/20 18:21 |
|-----|------|------|------|------|------|------|
| L12 | 1781 | ((check or detect or determine) adj4 ((free or available) adj (space or memory))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/20 18:21 |
| L13 | 743 | L12 and ((predetermined or preset or set or fixed) near4 (capacity or size or space)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/20 18:21 |
| L14 | 9 | (US-20040111725-$ or US-20040122799-$).did. or (US-4912631-$ or US-4924745-$ or US-5237670-$ or US-5463776-$ or US-5608178-$ or US-5611047-$ or US-5796633-$ or US-6493837-$ or US-6725241-$).did. | US-PGPUB; USPAT | OR | ON | 2006/08/20 18:21 |
| L15 | 0 | L14 and (minimum adj threshold) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/20 18:21 |
| L16 | 1464 | ((performance or system) adj (data or stats or statistics or measurement or metric)) and (storage adj controller) | US-PGPUB; USPAT | OR | ON | 2006/08/20 18:21 |
| L17 | 0 | peformance adj monitor | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/20 18:21 |
| L18 | 9091 | performance adj monitor$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/20 18:21 |

# EAST Search History

| L19 | 123 | L18 and (computer adj performance) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/20 18:21 |
|---|---|---|---|---|---|---|
| L20 | 15180 | (stor$4 near3 manag$4).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/20 18:21 |
| L21 | 5352 | 707/104.1.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/20 18:21 |
| L22 | 4556 | L21 and (storage manager) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/20 18:21 |
| L23 | 1609 | 707/204.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/20 18:21 |
| L24 | 322 | efficient$3 near2 (storage or storing) near2 (management or managing or manager) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/20 18:21 |
| L25 | 2 | peformance adj monitoring | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/20 18:21 |
| L26 | 10 | (("20040148485") or ("20040122799") or ("20040111725") or ("6493837") or ("5796633")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/08/20 18:21 |

| L27 | 10 | (("20040148485") or ("20040122799") or ("20040111725") or ("6493837") or ("5796633")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/08/20 18:21 |
|-----|----|------|------|----|-----|------|
| L28 | 6 | L4 and (delet$4 same oldest) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/20 18:21 |
| L29 | 7 | (US-20040111725-$ or US-20040122799-$).did. or (US-5796633-$ or US-6493837-$ or US-6725241-$ or US-4912631-$ or US-4924745-$ or US-5237670-$ or US-5608178-$).did. | US-PGPUB; USPAT | OR | ON | 2006/08/20 18:21 |
| L30 | 3 | L29 and ((free or available) adj (memory or space)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/20 18:21 |
| L31 | 66 | L8 and ((check or detect or determine) with ((free or available) adj (space or memory))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/20 18:21 |
| L32 | 15 | L8 and ((check or detect or determine) adj6 ((free or available) adj (space or memory))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/20 18:21 |
| L33 | 2 | "L13" and ((check or detect or determine) adj10 ((free or available) adj (space or memory))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/20 18:21 |
| L34 | 12 | L16 and ((detect$3 or determ$3) near4 ((free or available) adj (space or memory))) | US-PGPUB; USPAT | OR | ON | 2006/08/20 18:21 |

| L35 | 25 | ((detect$3 or determ$3) near4 ((free or available) adj (space or memory))) and ((store or storing or write or writing) near2 (method or mode or option)) and ((delete or remove or deleting or removing) with (old or previous or archived or prior) with (data or file or record)) | US-PGPUB; USPAT | OR | ON | 2006/08/20 18:21 |
|-----|-----|------|------|-----|-----|------|
| L36 | 34 | ((detect$3 or determ$3) near4 ((free or available) adj (space or memory))) and ((delete or remove or deleting or removing) with (old or previous or archived or prior) with (data or file or record)) | US-PGPUB; USPAT | OR | ON | 2006/08/20 18:21 |
| L37 | 104 | L19 and (storage or storing or archive or archiving) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/20 18:21 |
| L38 | 15 | L37 and ((free or available) adj (space or memory)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/20 18:21 |
| L39 | 47 | L21 and (storage adj manager) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/20 18:21 |
| L40 | 78 | L23 and "performance data" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/20 18:21 |

| L41 | 25 | (US-20020073285-$ or US-20030204583-$ or US-20040111725-$ or US-20040122799-$ or US-20040148485-$).did. or (US-4104718-$ or US-4166290-$ or US-4912631-$ or US-4924745-$ or US-5237670-$ or US-5325523-$ or US-5463776-$ or US-5506955-$ or US-5608178-$ or US-5611047-$ or US-5774434-$ or US-5796633-$ or US-5893086-$ or US-5943688-$ or US-6219728-$ or US-6311290-$ or US-6493837-$ or US-6560174-$ or US-6725241-$ or US-6820122-$). did. | US-PGPUB; USPAT | OR | ON | 2006/08/20 18:21 |
|-----|-----|-----|-----|-----|-----|-----|
| L42 | 21 | L41 and (level or group) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/20 18:21 |
| L43 | 200 | L5 or L6 or L7 | US-PGPUB; USPAT | OR | ON | 2006/08/20 18:21 |
| L44 | 153 | L13 and ((delet$4 or remov$4 or move) near5 (preexist$4 or exist$4 or old$4 or previous$4 or ((already or previously) near2 (stor$4)))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/20 18:21 |
| L45 | 217 | ((detect$3 or determ$3) near4 ((free or available) adj (space or memory))) and ((preset or predetermined or set) near2 (capacity or threshold)) | US-PGPUB; USPAT | OR | ON | 2006/08/20 18:21 |
| L46 | 117 | (((detect$3 or determ$3 or calculat$3) near3 ((free or available) adj (space or memory or area))) and ((remov$3 or delet$3 or eras$3) same ((old or existing or previous or prior) near3 (file or data or document or information)))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/20 18:21 |
| L47 | 132 | L21 and "performance data" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/20 18:21 |

| L48 | 106 | wrap$around near3 (storage or storing) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/20 18:21 |
|------|-------|------|------|------|------|------|
| L49 | 249 | (storage adj manager).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/20 18:21 |
| L50 | 25 | (US-20040148485-$ or US-20040122799-$ or US-20040111725-$ or US-20020073285-$ or US-20030204583-$).did. or (US-6493837-$ or US-5796633-$ or US-5325523-$ or US-6560174-$ or US-6725241-$ or US-5608178-$ or US-5237670-$ or US-4924745-$ or US-4912631-$ or US-5893086-$ or US-5463776-$ or US-4104718-$ or US-5611047-$ or US-6311290-$ or US-4166290-$ or US-6820122-$ or US-6219728-$ or US-5506955-$ or US-5774434-$ or US-5943688-$). did. | US-PGPUB; USPAT | OR | ON | 2006/08/20 18:21 |
| L51 | 2 | L50 and "overwrite" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/20 18:21 |
| L52 | 106 | ((obtain$4 or gather$4 or monitor$4 or acquir$4) near5 "performance data") and (over$write) | US-PGPUB; USPAT | OR | ON | 2006/08/20 18:21 |
| L53 | 17829 | "performance data" | US-PGPUB; USPAT | OR | ON | 2006/08/20 18:21 |